

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication system including a plurality of transfer devices for transferring packets to a current location of a mobile terminal, an [[a]] plurality of access router ~~device~~ ~~devices~~ arranged in a network to be able to connect to the mobile terminal, a plurality of routers connecting the access router device and each of the plurality of transfer devices, and the mobile terminal connected to [[an]] the access router device to receive the packets from one of the plurality of a transfer ~~devices~~ ~~device~~ through the access router device, the system comprising:

a first transmitter provided at the mobile terminal configured to transmit instruction information, which instructs one of the plurality of transfer devices to transfer the packets to the mobile terminal, to an anycast address assigned in common with the plurality of transfer devices ~~a request for information which specifies a transfer device used by the mobile terminal for packet reception and an anycast address which indicates an address regarding the plurality of transfer devices, to the access router device connected to the mobile terminal;~~

a second transmitter provided at the access router device configured to receive the instruction information and to relay the instruction information to a router included in the plurality of routers and connected to the access router device;

a ~~second~~ third transmitter provided at the plurality of routers or the access router device configured to transmit the instruction information ~~request~~ to a transfer device which has a shortest distance from the access router device on the network among the plurality of transfer devices to which the anycast address is assigned, ~~based on the anycast address relayed to be transmitted through the access router device;~~ and

a ~~third~~ fourth transmitter provided at the transfer device which has a shortest distance from the access router device configured to receive the instruction information and to

transmit specification the information, which specifies the transfer device which has a shortest distance from the access router device, to the mobile terminal ~~based on the request~~.

Claim 2 (Currently Amended): The communication system according to claim 1, wherein each of the plurality of transfer devices transmits packets, transmitted from a communication opponent device and addressed to the mobile terminal, to the access router device based on an on-link care of address which indicates a location of the current location of the mobile terminal,

the first transmitter transmits ~~the, as the request,~~ instruction information, which instructs one of the plurality of ~~[[a]] transfer device~~ devices to transfer the packets to the mobile terminal ~~execute packet transmission processing~~ based on the on-link care of address of the mobile terminal, ~~to the access router device connected to the mobile terminal,~~

~~the second transmitter transmits the instruction information as the request,~~

the ~~third~~ fourth transmitter further configured to transfer the packets ~~executes packet transmission processing~~ based on the on-link care of address of the mobile terminal in accordance with the instruction information, and

the mobile terminal includes an acquisition unit configured to acquire the specification ~~information specifying the transfer device~~ transmitted from the third transmitter, ~~as the information which specifies a transfer device used for packet reception.~~

Claim 3 (Currently Amended): A mobile terminal used in a communication system which includes a plurality of transfer devices for transferring packets to a current location of the mobile terminal, ~~a plurality of an~~ access router devices ~~device~~ arranged in a network to be able to connect to the mobile terminal, a plurality of routers connecting the access router device and each of the plurality of transfer devices, and the mobile terminal connected to

[[an]] the access router device to receive the packets from one of the plurality of a transfer device devices through the access router device, the mobile terminal comprising:

a first transmitter configured to transmit first instruction information, which instructs one of the plurality of transfer devices to transfer the packets to the mobile terminal, to an anycast address assigned in common with the plurality of transfer devices~~a request for information which specifies a transfer device used for packet reception and an anycast address which indicates address regarding the plurality of transfer devices, to the access router device connected to the mobile terminal; and~~

a receiver configured to receive specification information specifying a transfer device ~~transmitted from the transfer device~~, which has a shortest distance from the access router device on the network among the plurality of transfer devices, when the first instruction information ~~request~~ is transmitted to the transfer device which has the shortest distance from the access router device based on the anycast address ~~relayed to be transmitted through the access router device.~~

Claim 4 (Currently Amended): The mobile terminal according to claim 3, further comprising:

a first manager configured to manage an on-link care of address which indicates a location of the current location of the mobile terminal,

wherein, the first transmitter transmits the first instruction information when the on-link care of address managed by the first manager is changed,~~the first transmitter transmits, to the access router device connected to the mobile terminal, the request for the information which specifies a transfer device used for packet reception and the anycast address which indicates the address regarding the plurality of transfer devices.~~

Claim 5 (Currently Amended): The mobile terminal according to claim 3, further comprising:

a second manager configured to manage information which specifies a transfer device currently used for packet reception, and

a second transmitter configured to transmit a second instruction information to the transfer device specified by the specification information and to transmit third instruction information to a home agent device, when the specification information ~~specifying a first transfer device received by the receiver~~ is different from the information ~~specifying a second transfer device~~ managed by the second manager,

wherein the second instruction information instructs the transfer device specified by the specification information to transfer the packets to the mobile terminal based on an on-link care of address which indicates a location of the current location of the mobile terminal,
and

the third instruction information instructs the home agent to transfer the packets to the mobile terminal based on the specification information ~~information to instruct execution of packet transmission processing based on the on-link care of address corresponding to the mobile terminal, to the first transfer device, and information to instruct execution of packet transmission processing based on information which specifies the first transfer device, to a home agent device.~~

Claim 6 (Currently Amended): The mobile terminal according to claim 5,

wherein the specification ~~information specifying the transfer device~~ received by the receiver is necessary for generating a regional care-of address which contains information specifying a network in which the transfer device having the shortest distance from the access router device is present,

a generator is disposed and configured to generate the regional care-of address based on the specification information ~~necessary for generating the regional care-of address~~, and the second manager manages the regional care-of address generated by the generator as information which specifies the ~~the~~ [[a]] transfer device currently used for [[a]] packet reception.

Claim 7 (Currently Amended): The mobile terminal according to claim 5, wherein the specification information ~~specifying the transfer device~~ received by the receiver is ~~[[the]]~~ a regional care-of address which contains information ~~to specify~~ specifying a network in which the transfer device having the shortest distance from the access router device is present, and

the second manager manages the regional care-of address received by the receiver as information which specifies [[a]] the transfer device currently used for packet reception.

Claim 8 (Currently Amended): The mobile terminal according to claim 7, wherein the second transmitter transmits the second instruction information to the transfer device specified by the specification information and transmits the third instruction information to the home agent device, when ~~a first~~ the regional care-of address received by the receiver is different from ~~a second~~ the regional care-of address managed by the second manager, and

the second ~~first~~ instruction information ~~to instruct~~ instructs the transfer device specified by the specification information to transfer the packets to the mobile terminal execution of packet transmission processing based on a correspondence between the ~~first~~ regional care-of address received by the receiver and the on-link care of addresses ~~address~~

~~managed by the first manager, to a transfer device which has transmitted the first regional care-of address, and~~

~~the third transmits second instruction information to instruct execution of packet transmission processing instructs the home agent to transfer the packets to the mobile terminal based on the first regional care-of address received by the receiver, to the home agent device.~~

Claim 9 (Currently Amended): The mobile terminal according to claim 3, further comprising: ~~A mobile terminal used in a communication system which includes a plurality of transfer devices for transferring packets to a current location of the mobile terminal, a plurality of access router devices arranged in a network to be able to connect to the mobile terminal, and the mobile terminal connected to an access router device to receive the packets from a transfer device through the access router device, the mobile terminal comprising:~~

~~a first transmitter configured to transmit instruction information which instructs a transfer device to execute packet transmission processing based on an on-link care-of address regarding the mobile terminal, which indicates a location of the current location of the mobile terminal, and an anycast address which indicates address regarding the plurality of transfer devices, to the access router device connected to the mobile terminal;~~

~~a receiver configured to receive information specifying a transfer device transmitted from the transfer device, which has a shortest distance from the access router device on the network among the plurality of transfer devices, when the instruction information is transmitted to the transfer device based on the anycast address relayed to be transmitted through the access router device; and~~

a first acquisition unit configured to acquire the specification information specifying the transfer device which has the shortest distance from the access router device received by the receiver as information which specifies a transfer device used for packet reception,

wherein the first transmitter transmits the first instruction information, which instructs one of the plurality of transfer devices to transfer the packets to the mobile terminal based on an on-link care of address which indicates a location of the current location of the mobile terminal.

Claim 10 (Currently Amended): The mobile terminal according to claim 9, further comprising:

a first manager configured to manage the on-link care of address of the mobile terminal;

a second manager configured to manage information which specifies the [[a]] transfer device currently used for packet reception; and

a ~~second~~ third transmitter configured to transmit a fourth instruction information to the transfer device currently used for packet reception, when the on-link care of address managed by the first manager is changed, ~~information which instructs execution of packet transmission processing based on the changed on-link care of address, to a transfer device based on the information specifying the transfer device currently managed by the second manager,~~

wherein the fourth instruction information instructs the transfer device currently used for packet reception to transfer device currently used for packet reception to transfer the packets to the mobile terminal based on the changed on-link care of address, and

after the execution of the transmission processing of the fourth instruction information by the ~~second~~ third transmitter, the first transmitter transmits the first instruction information

~~which instructs a transfer device to execute packet transmission processing based on the on-link care-of address of the mobile terminal at each time interval shorter than the fixed period of time, and the anycast address which indicates the address regarding the plurality of transfer devices, to the access router device connected to the mobile terminal.~~

Claim 11 (Currently Amended): The mobile terminal according to claim 3, further comprising: ~~A mobile terminal used in a communication system which includes a plurality of transfer devices for transferring packets to a current location of the mobile terminal, a plurality of access router devices arranged in a network to be able to connect to the mobile terminal, and the mobile terminal connected to an access router device to receive the packets from a transfer device through the access router device, the mobile terminal comprising:~~

~~a first transmitter configured to transmit instruction information which instructs a transfer device to execute packet transmission processing, based on a correspondence between the on-link care-of address of the mobile terminal, which indicates a location of the current location of the mobile terminal, and a predetermined regional care-of address, which contains information specifying a network in which the transfer device is present, and an anycast address which indicates address regarding the plurality of transfer devices, to the access router device connected to the mobile terminal; and~~

~~[[an]] a second acquisition unit configured to acquire the regional care-of address which has been transmitted from a transfer device, which has a shortest distance from the access router device on the network among the plurality of transfer device, and which contains information specifying the network in which the transfer device is present, as information which specifies a transfer device used for packet reception,~~

wherein the first transmitter transmits the first instruction information, which instructs one of the plurality of transfer devices to transfer the packets to the mobile terminal based on

a correspondence between an on-link care of address, which indicates a location of the current location of the mobile terminal, and a predetermined regional care-of address,

the specification information received by the receiver is a regional care-of address which contains information specifying a network in which the transfer device having the shortest distance from the access router device is present, and

the second acquisition unit acquires the regional care-of address of the transfer device having the shortest distance from the access of the transfer device having the shortest distance from the access router device as the information which specifies the transfer device used for packet reception, in a case where the predetermined regional care-of address contains no information specifying ~~[[a]]~~ the network in which the transfer device having the shortest distance from the access router device is present ~~when the instruction information is transmitted to the transfer device based on the anycast address relayed to be transmitted through the access router device.~~

Claim 12 (Currently Amended): The mobile terminal according to claim 11, further comprising:

a ~~second~~ fourth transmitter configured to transmit ~~[[the]]~~ fifth instruction information; ~~which instructs execution of the packet transmission processing based on the regional care-of address, acquired by the acquisition unit to a home agent device,~~

wherein the fifth instruction information instructs the home agent to transfer the packets to the mobile terminal based on the regional care-of address of the transfer device having the shortest distance from the access router device.

Claim 13 (Currently Amended): The mobile terminal according to claim ~~[[11]]~~ 3,

~~wherein the information specifying the transfer device is an address allocated to the transfer device,~~

~~the mobile terminal further comprising:~~

~~a third manager configured to manage an address of a transfer device currently used for packet reception, and~~

~~a second fifth transmitter configured to transmit a sixth instruction, when an address of a first transfer device acquired by the acquisition unit is different from an address of a second transfer device currently managed by the manager, information to instruct execution of packet transmission processing based on the address of the first transfer device, to [[the]] a home agent device,~~

~~wherein the specification information received by the receiver is an address allocated to the transfer device having the shortest distance from the access router device,~~

~~the sixth instruction information instructs the home agent to transfer the packets to the mobile terminal based on the address allocated to the transfer device having the shortest distance from the access router device, and~~

~~the fifth transmitter transmits the sixth instruction information, when the address allocated to the transfer device having the shortest distance from the access router device having the shortest distance from the access router device is different from the address managed by the third manager.~~

Claims 14-17 (Canceled).